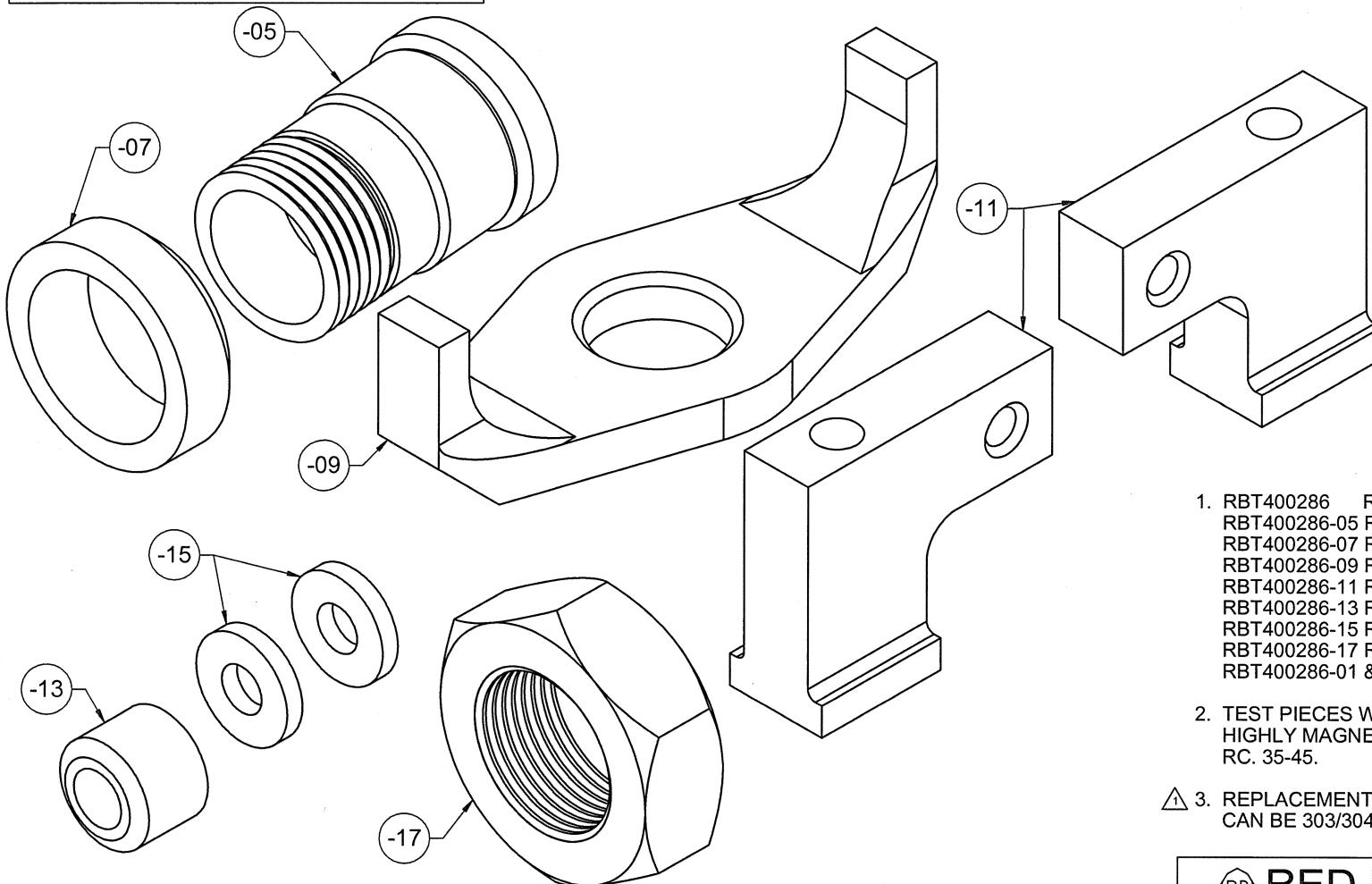


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REV		DESCRIPTION		DATE	INITIAL	APPROVED
-				-	-	
B		UPDATED ITEM -17 B/O INFORMATION OR SPECIFICATIONS COLUMN		03/05/19	MBB	WY

ECN 19-623



**NOTES**

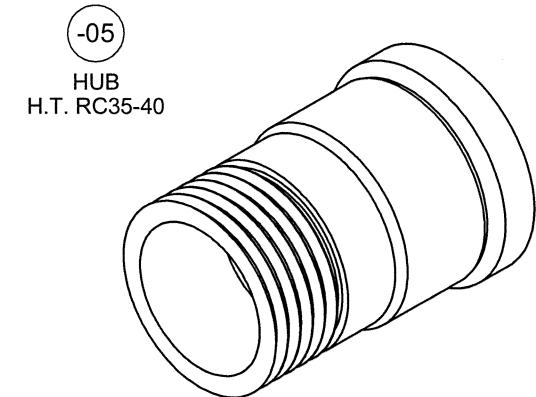
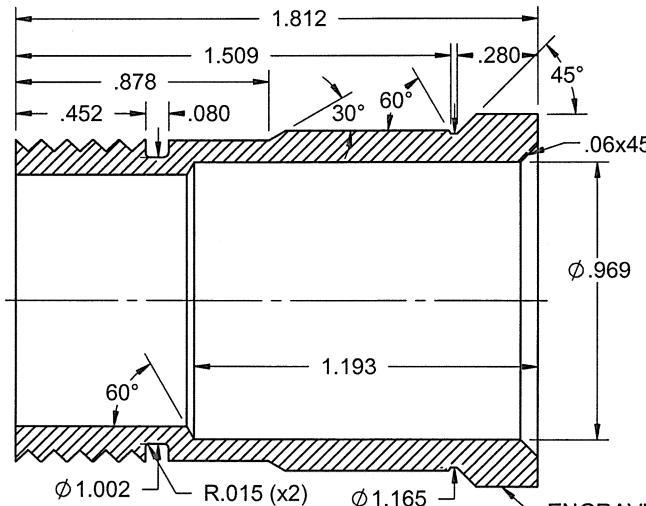
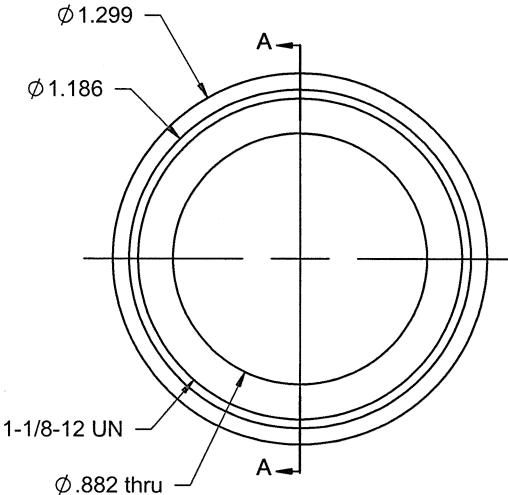
1. RBT400286 REPLACES 206-210-100-103  
RBT400286-05 REPLACES 206-210-100-105  
RBT400286-07 REPLACES 206-210-100-107  
RBT400286-09 REPLACES 206-210-100-109  
RBT400286-11 REPLACES 206-210-100-111  
RBT400286-13 REPLACES 206-210-100-113  
RBT400286-15 REPLACES 206-210-100-115  
RBT400286-17 REPLACES 90-094-10;  
RBT400286-01 & 03 No.'s ARE NOT USED.
2. TEST PIECES WERE STAINLESS STEEL,  
HIGHLY MAGNETIC, AND HEAT TREATED  
RC. 35-45.
3. REPLACEMENT MATERIAL FOR 17-4 S.S.  
CAN BE 303/304 S.S. WITH OUT HEAT TREATING.

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-05	1	HUB	17-4 S.S.	Ø1-3/8 x 2	2
			-07	1	RACE	17-4 S.S.	Ø1-1/2 x 3/4	2
			-09	1	GUIDE	6061	1-3/8 x 2 x 4-3/8	3
			-11	2	STOP	6061	1 x 1-3/4 x 2-1/4	4
			-13	1	SPACER	17-4 S.S.	Ø3/4 x 3/4	5
			-15	2	WASHER	17-4 S.S.	Ø7/8 x 5/16	5
			-17	1	JAM NUT	CAD PLATE STEEL	1-1/8 X 12 UNC (McMaster#93839A858 OR EQUIV.)	1
			-	-	-	-	-	-
ASSY #								

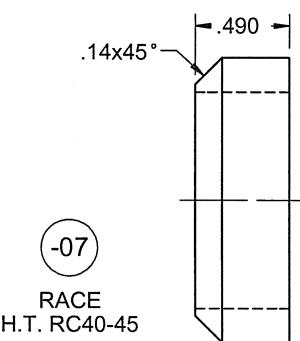
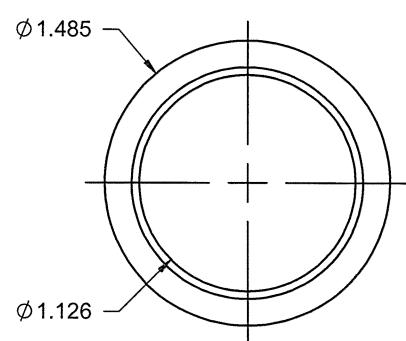
TITLE		DWG NO.		REV	
RED BARN MACHINE		RBT400286		B	
TAIL ROTOR BALANCE SET					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT APPROVED: WY		HEAT TREAT: SEE PART FINISH SPEC: SEE PART	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 X ± .1		METRIC .XXX ± .005 X ± .1mm .XX ± .01 FRACTIONS ± 1/32 X ± .1 ANGLES ± .5°		USED ON MODEL BELL 206	
		UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR. 0.015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	3-2-10	SHEET	1 of 5

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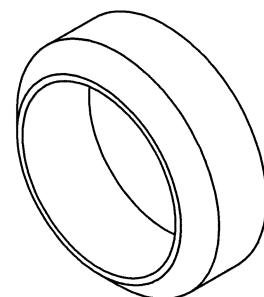
REV		DESCRIPTION		DATE	INITIAL	APPROVED
-	--			-	-	-



SECTION A-A



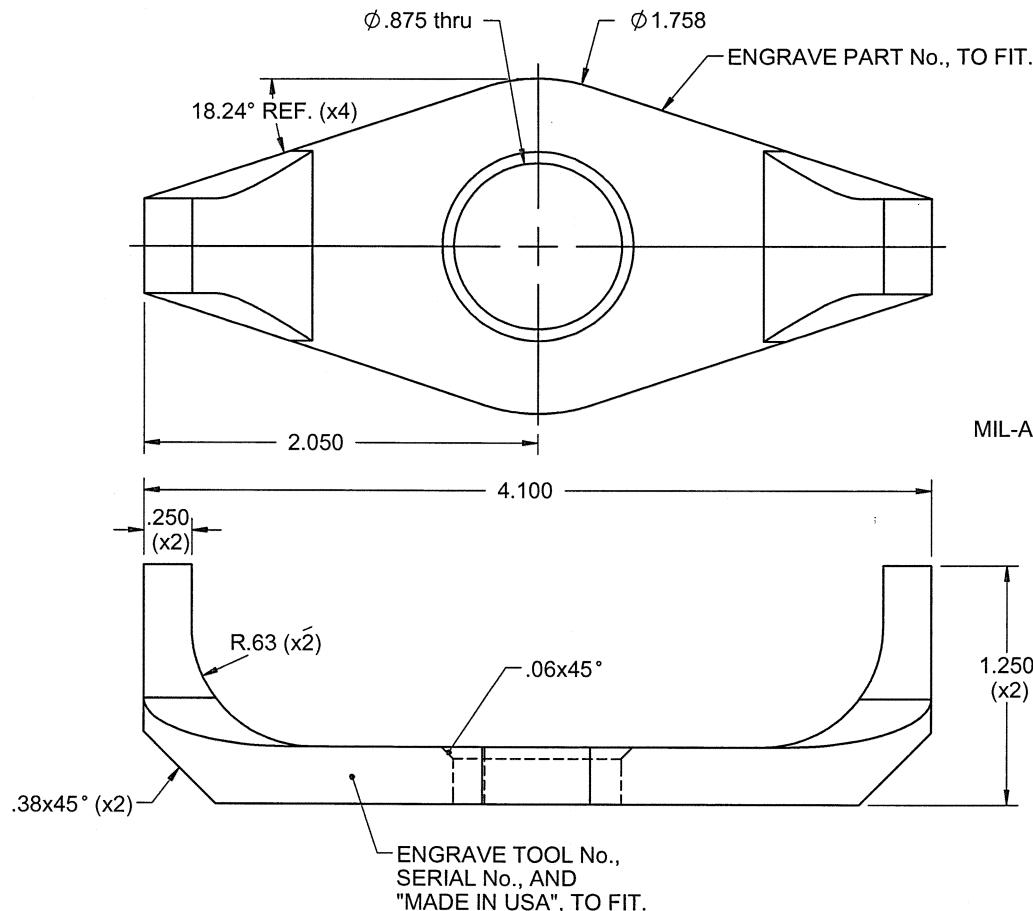
-07  
RACE  
H.T. RC40-45



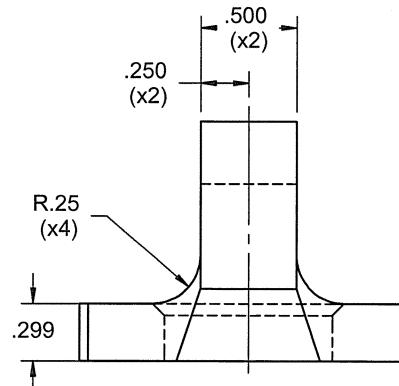
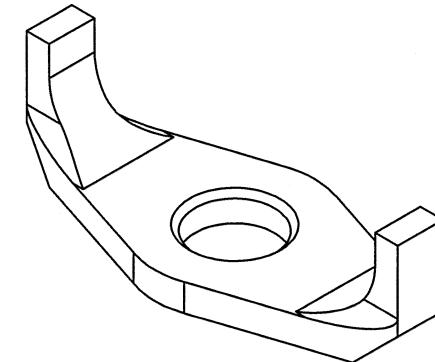
 <b>RED BARN MACHINE</b> TITLE: TAIL ROTOR BALANCE SET; HUB AND RACE	
DWG NO.	RBT400286-05 & 07 REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: PERRITT APPROVED: <i>WY</i>
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	METRIC .X ± .1mm FRACTIONS ± 1/32 ANGLES ± .5°
HEAT TREAT: SEE PART FINISH SPEC: SEE PART	USED ON MODEL BELL 206
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 X 45° PR. 015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 3-2-10
	SHEET 2 of 5

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
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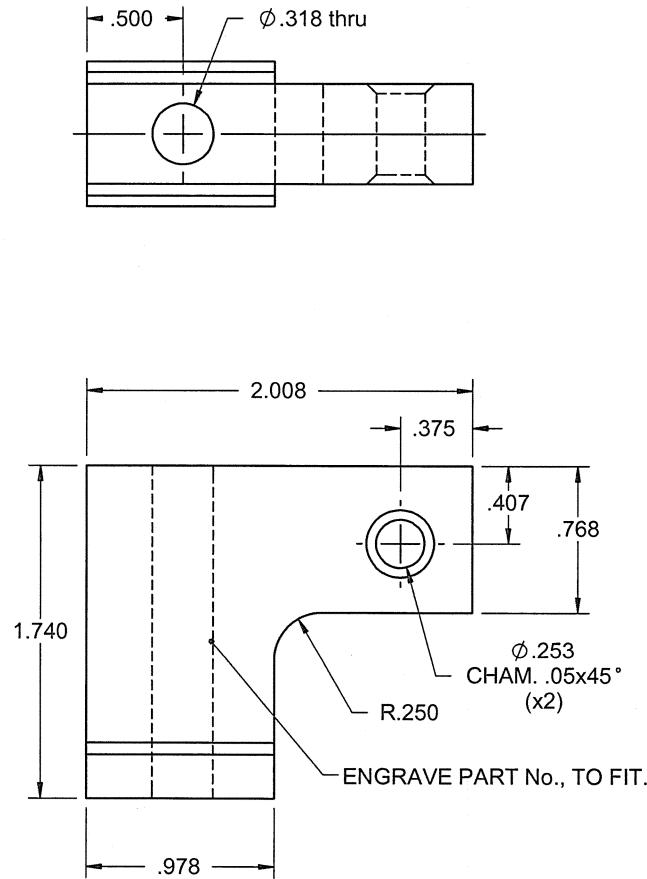
-09  
GUIDE  
CLEAR ANODIZE  
MIL-A-8625, TYPE I, CLASS I



RED BARN MACHINE	
TITLE	
TAIL ROTOR BALANCE SET; GUIDE	
DWG NO.	RBT400286-09
REV	B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS      METRIC	
.XXX ± .005	.X ± .1mm
.XX ± .01	FRACTIONS ± 1/32
.X ± .1	ANGLES ± .5°
DRAWN BY: PERRITT APPROVED: <i>WJ</i>	
HEAT TREAT	SEE PART
FINISH SPEC	SEE PART
USED ON MODEL	
BELL 206	
SCALE	NTS
DATE	3-2-10
SHEET	3 of 5

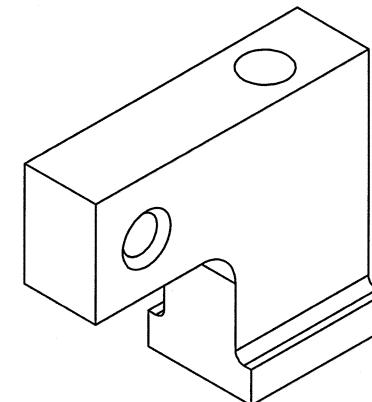
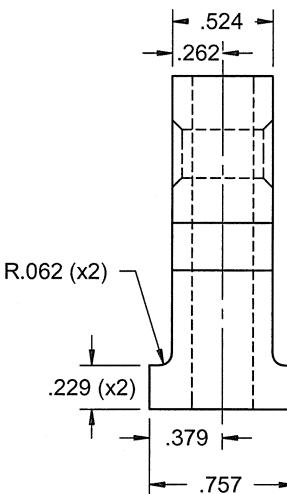
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REV		DESCRIPTION		DATE	INITIAL	APPROVED
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-11

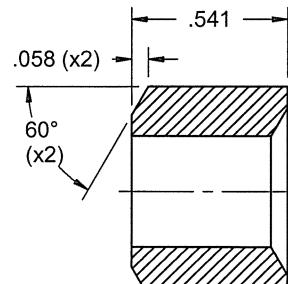
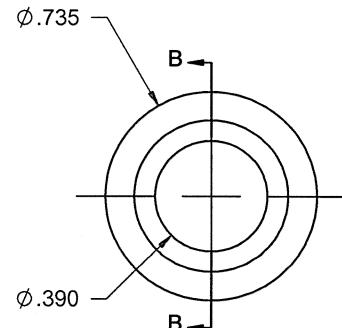
STOP  
CLEAR ANODIZE  
MIL-A-8625,  
TYPE I, CLASS I



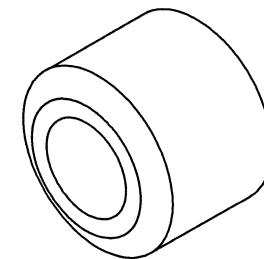
RED BARN MACHINE	
TITLE	
TAIL ROTOR BALANCE SET; STOP	
DWG NO.	
RBT400286-11	
REV B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS      METRIC	
.XXX $\pm$ .005	.X $\pm$ .1mm
.XX $\pm$ .01	FRACTIONS $\pm$ 1/32
X $\pm$ .1	ANGLES $\pm$ .5°
DRAWN BY: PERRITT	
APPROVED: <i>WT</i>	
HEAT TREAT: SEE PART	
FINISH SPEC: SEE PART	
USED ON MODEL: BELL 206	
SCALE	NTS
DATE	3-2-10
SHEET	4 of 5

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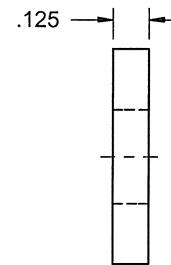
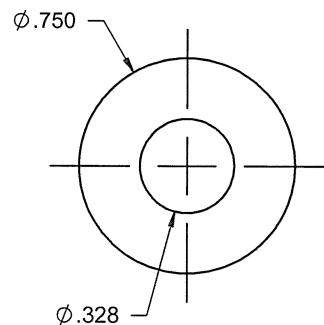
REV		DESCRIPTION		DATE	INITIAL	APPROVED
-	--			-	-	-



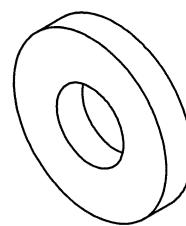
-13  
SPACER  
H.T. RC. 40-45  
BEAD BLAST



SECTION B-B



-15  
WASHER  
H.T. RC. 35-40



**RB RED BARN MACHINE**

TITLE  
TAIL ROTOR BALANCE SET;  
SPACER & WASHER

DWG NO. RBT400286-13 & 15 REV B

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON: METRIC  
DECIMALS .XXX ± .005 X ± .1mm  
.XX ± .01 FRACTIONS ± 1/32  
.X ± .1 ANGLES ± .5°

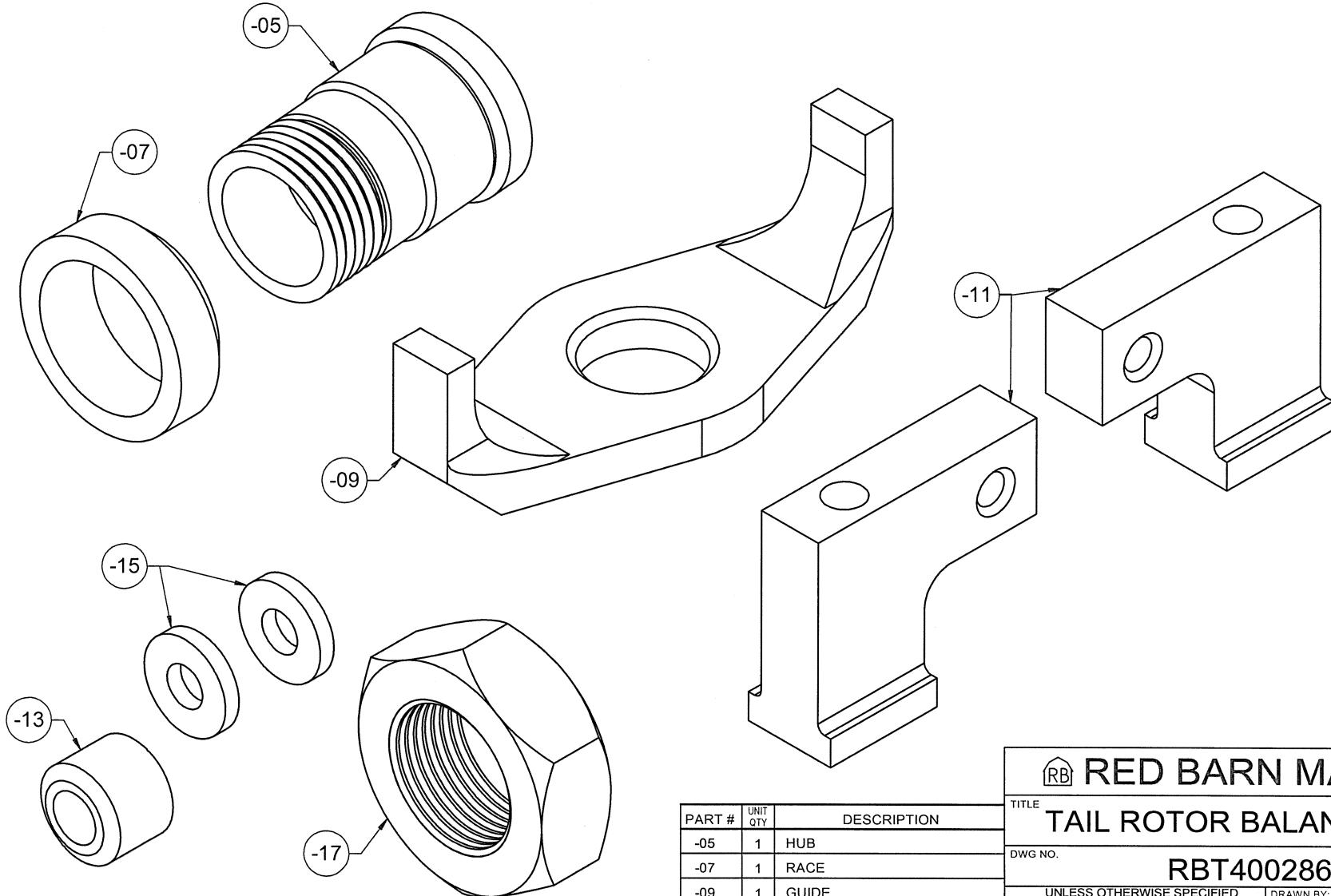
DRAWN BY: PERRITT  
APPROVED  
HEAT TREAT SEE PART  
FINISH SPEC SEE PART  
USED ON MODEL  
BELL 206

UNLESS OTHERWISE SPECIFIED  
1. BREAK ALL SHARP EDGES  
.015 x 45° PR. 015 R  
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE NTS DATE 3-2-10 SHEET 5 of 5

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
-	--			-	-	-



PART #			UNIT QTY	DESCRIPTION	TITLE		DRAWN BY: PERRITT		REV B
-05	1			HUB	DWG NO.		APPROVED	<i>D. BELL</i>	
-07	1			RACE			HEAT TREAT	SEE PART	
-09	1			GUIDE			FINISH SPEC	SEE PART	
-11	2			STOP	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		USED ON MODEL		
-13	1			SPACER	TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	METRIC X ± .1mm FRACTIONS ± 1/32 ANGLES ± .5°	BELL 206		
-15	2			WASHER					
-17	1			JAM NUT	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. 015 R				
-	-	-			2. DIMENSIONAL LIMITS APPLY AFTER PLATING				
					SCALE	NTS	DATE	3-2-10	SHEET 1 of 1